LUKE EISENBERG
lukemichaeleisenberg@gmail.com • 925.389.7979

Recent Graduate of Computer Science interested in a wide range of problems pertaining to computer systems, networks, and programming. A quick learner who anticipates challenges and addresses them proactively. Excels in team-oriented work environments, both as a leader and a collaborator. Proven facility in crowdsourcing data, designing relational databases, and developing web applications.

EDUCATION

THE UNIVERSITY OF CALIFORNIA—SANTA CRUZ   **SANTA CRUZ, CA**
Bachelor of Arts in Computer Science, Minor in History   *September 2009—March 2014*

RELEVANT COURSE WORK

Programming in Java/Python	**Hypermedia and the Web**
Data Structures	**Database Systems**
Algorithms and Abstract Data Types	**Artificial Intelligence**
Agile Software Development	**Introduction to Networks**

PROFESSIONAL EXPERIENCE

UCSC NATURAL LANGUAGE AND DIALOGUE SYSTEMS LAB   **SANTA CRUZ, CA**
Research Assistant   *July 2012—Present*
- Assisted on projects to train pattern-based classifiers to identify subjective dialogue acts.
- Analyzed syntactic patterns of extracted utterances and helped to develop new templates for pattern extraction.
- Created scripts using Python to automatically compile relevant data.
- Utilized Amazon Mechanical Turk to crowdsource annotations for experimental data.

EOA INC.   **OAKLAND, CA**
Office Assistant   *July 2006—Sept. 2009*
- For a 25 person Environmental Engineering firm, provided general office assistance and data entry.

ORGANIZATIONS, VOLUNTEER WORK, AND LEADERSHIP EXPERIENCE

CARECONNECT PROJECT   **SANTA CRUZ, CA**
Programmer   *September 2012—December 2012*
- Using Web2py, worked to develop an online database of community supported health care services.
- Collaborated with a public health activist to assess community interest.
- Strategized to simplify user experience without compromising completeness or veracity of data.

BOY SCOUTS OF AMERICA   **LAFAYETTE, CA**
Eagle Scout   *September 2005—Present*
- Served as Patrol Leader for a group of 5 scouts.
- Organized and lead a 10-day backpacking trip for a group of 15 people.
- Supervised an extensive community service project to develop a compost system for a local elementary school.

THETA PI SIGMA FRATERNITY   **SANTA CRUZ, CA**
Member   *Jan 2011—June 2012*
- Helped to organize member trips and assisted with organization administration.

PUBLICATIONS

Reid Swanson, Marilyn Walker, Luke Eisenberg, Thomas Corcoran, "Getting Reliable Annotations for Sarcasm in Online Dialogues", Conference on Language Resources and Evaluation 2014

Stephanie Lukin, Marilyn Walker, Luke Eisenberg, Thomas Corcoran, "Identifying Subjective and Figurative Language in Online Dialogue", 3rd Pacific Northwest Regional Natural Language Processing Workshop 2014

TECHNICAL SKILLS AND INTERESTS

- **Research:** Natural Language Processing, Crowdsourcing, Social Media Data Analysis
- **Programming:** Python (Knowledgeable), Java (Knowledgeable), HTML (Proficient), C/C++ (Familiar), CSS (Familiar), PostgreSQL (Familiar)
- **Applications:** Amazon Mechanical Turk, Stanford Parser, Web2py Framework
- **Certifications:** Linux Systems Administration (O'Reilly School of Technology, in progress)

REFERENCES

MARILYN WALKER
Professor of Computer Science at UCSC
Director of NLDS Lab

UNIVERSITY OF CALIFORNIA-SANTA CRUZ
Santa Cruz, CA

1156 High St.
Mail Stop SOE3
Santa Cruz, CA, 95064
1-831-459-1058
maw@soe.ucsc.edu

ADAM OLIVIERI
Principal Engineer
Supervisor at EOA Inc.

EOA INC.
Oakland, CA

1410 Jackson St.
Oakland, CA, 94612
1-510-832-2852 Ext. 115
awo@eoa.com